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**From:** Wirick, Holiday [wirick.holiday@epa.gov]  
**Sent:** 9/13/2021 6:02:58 PM  
**To:** Wax, Peter N. [pwax@nd.gov]  
**Subject:** Re: 2 questions in connection with a national call next week

Hi Pete, thanks so much for your replies! You are funny. No I do not have better things to do on a Friday night than discuss PFAS and HHBP.... LOL. I hope your weekend was excellent.

I'll be curious to hear how Karl and Bert's conversation goes tomorrow... if you hear anything, please let me know...

Finally, just as an FYI, not sure if you've seen this but EPA's Office of Water released the technical support document for its HABs criteria last month. Its release is timely with North Dakota's plans to adopt EPA's human health rec criteria for microcystins and cylindrospermopsin during the next WQS triennial review.

Have a great day!

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Colleagues,

I wanted to inform you that as part of new resources to assist state, territorial and authorized tribal partners to address adverse effects of nutrient pollution, including freshwater harmful algal blooms (HABs), EPA has released, today, a final technical support document that supports the adoption and implementation of EPA's 2019 Human Health Recreational Ambient Water Quality Criteria and/or Swimming Advisories for Microcystins and Cylindrospermopsin. The document discusses how states and tribes may adopt the 2019 human health recreational criteria into state or tribal water quality standard programs or use the criteria in swimming advisory programs. The implementation of the criteria in these programs would enhance public health protection by ensuring that recreational waters nationwide are safe for swimming.

To view the final technical support document for implementing EPA's 2019 recreational HABs criteria, go to:  
<https://www.epa.gov/wqc/recreational-water-quality-criteria-and-methods#rec4> \_

Press release: <https://www.epa.gov/newsreleases/epa-announces-resources-help-partners-better-address-nutrient-pollution-affecting>

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**From:** Wax, Peter N. <pwax@nd.gov>  
**Sent:** Monday, September 13, 2021 7:05 AM  
**To:** Wirick, Holiday <wirick.holiday@epa.gov>  
**Subject:** RE: 2 questions in connection with a national call next week

Dear Holly:

Wow, 7:09 PM on Friday night ....you have to have something more fun to do than this on Friday night.

Question 1: We are not.

Question 2: We are not anywhere near that far along. The state is sampling for PFAS. While I was involved with the report (link below) I have not had much time to devote to it in the last couple years.

[https://deq.nd.gov/Publications/MF/PFAS\\_Report.pdf](https://deq.nd.gov/Publications/MF/PFAS_Report.pdf)

Pete

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**From:** Wirick, Holiday <wirick.holiday@epa.gov>  
**Sent:** Friday, September 10, 2021 7:09 PM  
**To:** Wax, Peter N. <pwax@nd.gov>  
**Subject:** 2 questions in connection with a national call next week

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Hi Pete, I hope you have some fun plans for the weekend!

1. We have our monthly national WQS call on Tuesday. One of the items on the agenda is how are states and tribes using Human Health Benchmarks for Pesticides (HHBPs):

<https://ordspub.epa.gov/ords/pesticides/f?p=HHBP:home:3576975104292:::>

**Do you know if North Dakota is using HHBP to derive human health criteria for pesticides?**

Here's a link to the fact sheet that was just updated in August:

<https://www.epa.gov/system/files/documents/2021-07/hh-benchmarks-factsheet-2021.pdf>

2. Another topic is site specific numeric translations of narratives to address PFAS/PFOA. They want to know if states are going this route, and what sources of information they are relying on.

**Do you have any information you can share on what ND is doing?**

Thanks,

Holly Wirick  
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